

Sheet _ 1 of _7

LINETE OF APPLICANT

ATTY. DOCKET: 17675 (BOT)	SERIAL NO.: 10/817,036
APPLICANT: ERIC R. FIRST	TITLE: THERAPY FOR MELANIN RELATED AFFLICTIONS
FILING DATE: April 2, 2004	GROUP: 1645

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE (if applicable)
V &	AA	10/194805		Donovan, Stephen			7/11/2002
	AB	10/731973		First, Eric F.			12/7/2003
	AC	2003 0224019	12/4/2003	O'Brien, Christopher	7		
	AD	5,437,291	8/1/1995	Pasricha et al.		7	
	AE	5,670,484	9/23/1997	Binder, William J.		X	
	AF	5,714,468	2/3/1998	Binder, William J.			
	AG	5,766,605	6/16/1998	Sanders et al.			
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	Al	6,063,768	5/16/2000	First, Eric R.			
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	AN	6,423,319	7/23/2002	Brooks et al.			
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, /	AP	6,458,365	10/1/2002	Aoki et al.			3
Q	QA	6,464,986	10/15/2002	Aoki et al.	1,		

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0		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (yes/no)
TAI	BA	GB 2,368,281	8/31/2001	UK			Y.
VIY	ВК	WO 02/09743	2/7/2002	PCT			Y
		WO 03/011333	2/13/2003	PCT			Y

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'A AA	CA	Andreadis S., et al., Keratinocyte growth factor induces hyperproliferation and
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/	(A)	Ì	Inhibition of peripheral and central nociceptive processing, Cephalalgia 2003
	PU.		Sep;23(7):649
		CC	Arredondo J., et al., Central role of alpha7 nicotinic receptor in differentiation of the
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		CD	Asahina A., et al., Specific induction of cAMP in Langerhans cells by calcitonin
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			1995 Aug 29;92(18):8323-7
		CE	Bigalke H., et al., Botulinum A Neurotoxin Inhibits Non-Cholinergic Synaptic
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		CF	Bigalke H., et al., Tetanus Toxin and Botulinum A Toxin Inhibit Release and Uptake
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		CG	Binz T. et al., The Complete Sequence of Botulinum Neurotoxin Type A and
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'	\	СН	Blugerman G., et al., Multiple eccrine hidrocystomas: A new therapeutic option with
	1		botulinum toxin, Dermatol Surg 2003 May;29(5):557-9
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	1		Gliomas, Lancet 345;1008-1012:1995
	/	CJ	Bushara K., Botulinum toxin and rhinorrhea, Otolaryngol Head Neck Surg
			1996;114(3):507
		CK	Chen W., et al., Trophic interactions between sensory nerves and their targets,
			Journal of Biomedical Science. 1999;6(2):79-85
1		CL	Chiang H-Y, et al., Regional difference in epidermal thinning after skin denervation,
			Exp Neurol 1998;154(1):137-45
		СМ	Dabrowski et al, Botulinum toxin as a novel treatment for self mutilation in Lesch-
			Nyhan syndrome, Ann Neurol 2002 Sep;52(3 Supp 1):S157
		CN	Duggan et al.; A survey of Botulinum neurotoxin substrate expression in cells; Mov
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		СО	Friedland S, et al., Porcelinizing discolorization of the periocular skin following
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120	СР	Fung L. K. et al., Pharmacokinetics of Interstitial Delivery of Carmustine 4- Hydroperoxycyclophosphamide and Paclitaxel From a Biodegradable Polymer
180		Implant in the Monkey Brain, Cancer Research 58;672-684:1998
1	CQ	Gonelle-Gispert et al.; Snap-25a and -25b isoforms are both expressed in insulin-
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	CS	Grando S., et al., Activation of keratinocyte nicotinic cholinergic receptors
1 1	ı	stimulates calcium influx and enhances cell differentiation. Invest Dermatol. 1996
		Sep;107(3):412-8
	CT	Grando S., et al., Human keratinocytes synthesize, secrete, and degrade
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	Cυ	Grando S., et al., Keratinocyte muscarinic acetylcholine receptors:
1 1		immunolocalization and partial characterization, J Invest Dermatol. 1995
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{	CV	Griffin J., et al., Axonal degeneration and disorders of the axonal cytoskeleton. In:
		Waxman S., et al., The Axon. New York: Oxford University Press, 1995:375-390
	CW	Habermann E., et al., Tetanus Toxin and Botulinum A and C Neurotoxins Inhibit
\		Noradrenaline Release From Cultured Mouse Brain, J Neurochem 51(2);522-
<u></u>		527:1988)
	cx	Habermann E., Inhibition by Tetanus and Botulinum A Toxin of the release of
		[3H]Noradrenaline and [3H]GABA From Rat Brain Homogenate, Experientia
	CV	44;224-226:1988
	CY	Habermann, I-Labeled Neurotoxin from Clostridium Botulinum A: Preparation,
		Binding to Synaptosomes and scent to the Spinal Cord; Nauny-Schmiedeberg's
	cz	Arch. Pharmacol. 1974; 281, 47-56
	1 4	Harrison's Principles of Internal Medicine (1998), edited by Anthony Fauci et al.,
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/		Heckmann M., et al., Botulinum toxin type A injection in the treatment of lichen
	CBB	simplex: An open pilot study, J Am Acad Dermatol 2002 Apr;46(4):617-9
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1 Al	ccc	Hosoi J., et al., Regulation of Langerhans cell function by nerves containing calcitonin gene-related peptide, Nature. 1993 May 13;363(6425):159-63
	CDD	
	CDD	Hsieh S., et al., Epidermal denervation and its effects on keratinocytes and
	1	Langerhans cells, J Neurocytol 1996;25:513-524
į	CEE	Hsieh S., et al., Modulation of keratinocyte proliferation by skin innervation. Journal
<u> </u>		of Investigative Dermatology, 1999;113(4):579-86
	CFF	Hsieh S., et al., Pathology of nerve terminal degeneration in the skin, Journal of
		Neuropathology & Experimental Neurology. 2000;59(4):297-307
	CGG	Hsieh S., et al., Skin Innervation and Its Effects on the Epidermis, J Biomed Sci.
,		1997;4(5):264-268
	СНН	Hsiung-F., et al., (2001) Quantitative pathology of cutaneous nerve terminal
		degeneration in the human skin, Acta Neuropathologica 102:455-461
	CII	Huang, et al., Influence of cutaneous nerves on keratinocyte proliferation and
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	Cii	Inaba N., et al., Capsaicin-induced calcitonin gene-related peptide release from
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	CKK	Ishikawa H et al., Presynaptic effects of botulinum toxin type A on the neuronally
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	CLL	Jacks, L., et al., Idiopathic toe walking: Treatment with botulinum toxin A injection,
		Dev Med Child Neurol 2002;44(Suppl 91):6
	CMM	Jankovic J. et al., Therapy With Botulinum Toxin, Marcel Dekker, Inc., (1994), page
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	CNN	Johnson M., Synaptic glutamate release by postnatal rat serotonergic neurons in
		microculture, Neuron 1994; 12: 433-442
	COO	Jost, Wolfgang; Ten years' experience with Botulin toxin in anal fissure; Int J
		Colorectal Dis 2002 Sep;17(5):298-302
	CPP	Kaneko T., et al., Immunohistochemical demonstration of glutaminase in
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	CQQ	Kasakov L., et al., Direct evidence for concomitant release of noradrenaline,
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CA	CRR	Katsambas A., et al., Cutaneous diseases of the foot: Unapproved treatments, Clin
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7	CSS	Ko M., et al., Cutaneous nerve degeneration induced by acrylamide in mice,
/		Neuroscience Letters.(2000)293(3):195-8
	СПТ	Komuves et al.; Epidermal Expression of the Full-Length Extracellular Calcium-
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		Cellular Physiology 2002 Jul;192(1):45-54
	CUU	Krnjevic K., Central cholinergic mechanisms and function. Prog Brain Res.
		1993;98:285-92
	CVV	Kupfermann I., Functional studies of cotransmission. Physiol. Rev. 1991; 71: 683-
		732.48: 545-59
	CWW	Lee M., et al., Clinical and electrophysiological characteristics of inflammatory
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1.	CXX	Legat F., et al., Repeated subinflammatory ultraviolet B irradiation increases
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		oil-induced neurogenic inflammation in the skin of rats, Neurosci Lett. 2002 Sep
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	CZZ	Lin Y., et al., Quantitative sensory testing: normative values and its application in
		diabetic neuropathy, Acta Neurol Taiwan 1998;7:176-184
	CAAA	Lin Y., et al., (2001) Cutaneous nerve terminal degeneration in painful
		mononeuropathy, Experimental Neurology. 170(2):290-6
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	•	Integrative aspects on amines, neuropeptides, adenosine triphosphate, amino
		acids and nitric oxide, Pharmacol. Rev. 1996; 48: 113-178
	cccc	McCarthy B., et al., Cutaneous innervation in sensory neuropathies: evaluation by
		skin biopsy, Neurol 1995;45:1848-1855
	CDDD	Moyer E et al., Botulinum Toxin Type B: Experimental and Clinical Experience,
		being chapter 6, pages 71-85 of "Therapy With Botulinum Toxin", edited by
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<u> </u>		CFFF	Ndoye A., et al., Identification and mapping of keratinocyte muscarinic
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V		CGGG	Nguyen V., et a., Keratinocyte acetylcholine receptors regulate cell adhesion Life
	-		Sci. 2003 Mar 28;72(18-19):2081-5;
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1 \ /			secretion of a humectant upon secretagogue action of acetylcholine J Cell Sci.
$\mathbf{I} = \mathbf{V}$			2001 Mar;114(Pt 6):1189-204
		CIII	Nicholas A. et al., Glutamate-like immunoreactivity in medulla oblongata
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		CIII	Palacios J., et al., Cholinergic neuropharmacology: an update, Acta Psychiatr
			Scand Suppl. 1991;366:27-33
		CKKK	Pan C., et al., (2001) Degeneration of nociceptive nerve terminals in human
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		CLLL	Pearce, L.B., Pharmacologic Characterization of Botulinum Toxin For Basic
	•		Science and Medicine, Toxicon 35(9);1373-1412 at 1393
		CMM	Ragona et al.; Management of Parotid Sialocele With Botulinum Toxin; The
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		C000	Rogers J., et al., Injections of botulinum toxin A in foot dystonia, Neurology 1993
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		СРРР	Sanchez-Prieto, J., et al., Botulinum Toxin A Blocks Glutamate Exocytosis From
			Guinea Pig Cerebral Cortical Synaptosomes, Eur J. Biochem 165;675-681:1897
		CQQQ	Schantz, E.J., et al, Properties and use of Botulinum toxin and Other Microbial
	<u> </u>		Neurotoxins in Medicine, Microbiol Rev. 56;80-99:1992
		CRRR	Sevim, S., et al., Botulinum toxin-A therapy for palmar and plantar hyperhidrosis,
	1		Acta Neurol Belg 2002 Dec;102(4):167-70
		CSSS	Singh, Critical Aspects of Bacterial Protein Toxins, pages 63-84 (chapter 4) of
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		Suputtitada, A., Local botulinum toxin type A injections in the treatment of spastic toes, Am J Phys Med Rehabil 2002 Oct;81(10):770-5
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	CYYY	Wu T., et al., Demonstration of human papillomavirus (HPV) genomic amplification and viral-like particles from CaSki cell line in SCID mice, J Virol Methods 1997;65:287-298
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	CAAA	Xu Z-QD et al, Galanin-5-hydroxytryptamine interactions: Electrophysiological, immunohistochemical and in situ hybridization studies on rat dorsal raphe neurons with a note on galanin R1 and R2 receptors. Neuroscience 1998; 87: 79-94
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